

**OHA - Drinking Water Program - Turbidity Monitoring Report Form County: Josephine
Cartridge or Bag Filtration**

System Name: NPS OREGON CAVES NATL MON ID #: OR4191998 **WTP:** WTP-A **Month/Year:** March/21

DAY	PSI Before Filter	PSI After Filter	PSID	PSID When to Change Filter	Daily Turbidity Reading [NTU]	Highest Reading of the Day ¹ [NTU]
1	40	30	10	25	.196	.170
2	40	30	10	25	.196	.199
3	40	30	10	25	.194	.198
4	40	29	11	25	.193	.196
5	40	30	10	25	.192	.197
6	40	29	11	25	.193	.199
7	40	28	12	25	.193	.198
8	40	28	12	25	.193	.199
9	40	27	13	25	.194	.200
10	40	26	14	25	.194	.199
11	40	34	6	25	.194	.199
12	40	29	11	25	.196	.198
13	40	28	12	25	.196	.199
14	41	28	13	25	.197	.199
15	40	26	14	25	.196	.199
16	40	26	14	25	.196	.198
17	40	30	10	25	.196	.199
18	40	34	6	25	.196	.20
19	41	31	10	25	.198	.211
20	40	30	10	25	.198	.217
21	40	28	12	25	.199	.215
22	40	26	14	25	.199	.210
23	40	30	10	25	.200	.212
24	42	28	14	25	.205	.217
25	42	30	12	25	.200	.212
26	42	30	8	25	.200	.212
27	40	30	10	25	.190	.210
28	40	30	10	25	.200	.212
29	42	30	8	25	.195	.212
30	40	30	10	25	.195	.215
31	40	30	10	25	.200	.210

Data Mgmt & Compliance
Drinking Water

Cartridge Filtration 95% of daily turbidity readings ≤ 1 NTU? <input checked="" type="checkbox"/> Yes / No All daily turbidity readings ≤ 5 NTU? <input checked="" type="checkbox"/> Yes / No	Monthly Summary (Answer Yes or No)	
	CT's met everyday? (see back) <input checked="" type="checkbox"/> Yes / No	All Cl ₂ residual at entry point ≥ 0.2 mg/l? <input checked="" type="checkbox"/> Yes / No
Notes: PSI = pounds per square inch PSID = pounds per square inch difference (before filter - after filter) PSID When to Change Filter = Manufacturer's recommendation; may need to look in manual for manufacturer's specifications when to change the filter, at what PSID.	PRINTED NAME: David M. John	
	SIGNATURE: David M. John	DATE: 04.01.21
	PHONE #: (541) 1592-2100 ex 2256	CERT #: D-09445

Including continuous turbidity data, if applicable, for optimization recording purposes. Compliance values in "Daily Turbidity Reading" Column may not correspond to continuous readings' maximum.

OHA - Drinking Water Program – Surface Water Quality Data Form

NPS OREGON CAVES NATL MON ID #: OR4191998 WTP-: WTP-A Month/Year: *March/21*

Date / Time	Minimum Cl ₂ Residual at 1 st User (C) ²	Contact Time (T)	Actual CT	Temp	pH	Required CT	CT Met? ²	Peak Hourly Demand Flow
	[ppm or mg/L]	[minutes]	C X T	[° C]		Use tables	Yes / No	[GPM]
1 / 1400	1.00	300	300	17	7.7	30	Yes	25
2 / 1530	1.00	300	300	17	7.7	30	Yes	25
3 / 1630	1.10	300	330	17	7.7	30	Yes	25
4 / 1645	1.15	300	345	17	7.7	30	Yes	25
5 / 1645	1.15	300	345	17	7.7	30	Yes	25
6 / 1700	1.15	300	345	17	7.7	30	Yes	25
7 / 1900	1.10	300	330	17	7.7	30	Yes	25
8 / 1830	1.0	300	300	17	7.7	30	Yes	25
9 / 1830	1.0	300	300	17	7.7	30	Yes	25
10 / 1900	.90	300	270	17	7.7	30	Yes	25
11 / 1900	.85	300	255	17	7.7	30	Yes	25
12 / 1930	1.0	300	300	17	7.7	30	Yes	25
13 / 1930	1.0	300	300	17	7.7	30	Yes	25
14 / 1900	1.0	300	300	17	7.7	30	Yes	25
15 / 1915	.95	300	285	17	7.7	30	Yes	25
16 / 1830	.95	300	285	17	7.7	30	Yes	25
17 / 1400	.90	300	270	17	7.7	30	Yes	25
18 / 1530	.85	300	255	17	7.7	30	Yes	25
19 / 1630	.85	300	255	17	7.7	30	Yes	25
20 / 1630	.85	300	255	17	7.7	30	Yes	25
21 / 1630	.85	300	255	17	7.7	30	Yes	25
22 / 1630	.85	300	255	17	7.7	30	Yes	25
23 / 1730	.85	300	255	17	7.7	30	Yes	25
24 / 1830	.90	300	270	17	7.7	30	Yes	25
25 / 1900	1.00	300	300	17	7.7	30	Yes	25
26 / 1900	1.00	300	300	17	7.7	30	Yes	25
27 / 1900	1.00	300	300	17	7.7	30	Yes	25
28 / 1900	1.00	300	300	17	7.7	30	Yes	25
29 / 1930	1.00	300	300	17	7.7	30	Yes	25
30 / 1900	1.00	300	300	17	7.7	30	Yes	25
31 / 1900	1.00	300	300	17	7.7	30	Yes	25

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² If Cl₂ at entry point < 0.2 mg/l, OR CT not met, notify DWP by end of next business day.
Download form at: www.public.health.oregon.gov/HealthyEnvironments/DrinkingWater/Monitoring/Documents/turb-cartridge.pdf

SOURCE NAME: LAKE CREEK

MONTH May YEAR 2020

TEST LOCATION CODES:

- 1 - INFORMATION BOOTH 4 - V.C
- 2 - Chale^t 5 - CHATEAU
- 3 - WATER FOUNTAIN 6 - GUIDE HOUSE

ADDRESS: OREGON CAVES NATIONAL MONUMENT

19000 CAVES HIGHWAY

CAVE JUNCTION, OREGON 97523

1-541-592-2100

PSW ID#: 419 1998

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Data Mgmt & Compliance
Drinking Water Program

DAY	INITIALS	CHLORINE RESIDUAL		TIME	TEST LOCATION	B TANK CHLORINE ADDED	CHLORINE		METER READING	GAL USED	TURBIDITY		REMARKS
		4	SYS				Set.	Res.			RAW	FINISHED	
		1	DmJ				1.00	2			1400	2	
2	EM	1.00	2	1810	2	0	4.5	1.00	43912000	9300	.196	.087	NO CHANGES
3	EM	1.10	2	0930	2	0	4.5	1.10	43970400	6800	.194	.086	NO CHANGES
4	EM	1.15	2	0845	2	0	4.5	1.15	43976400	6000	.193	.085	NO CHANGES
5	EM	1.15	2	0845	2	5700 ml	4.5	1.15	43982600	6200	.192	.085	CHANGED 1&2/BATCHED 5700 ml
6	EM	1.15	2	0900	2	0	4.5	1.15	43990600	8000	.192	.086	NO CHANGES
7	EM	1.10	2	0900	2	0	4.5	1.10	43998200	7600	.193	.086	NO CHANGES
8	EM	1.0	2	0830	2	0	4.5	1.0	44003700	7200	.193	.085	NO CHANGES
9	EM	1.0	2	1030	2	0	4.5	1.0	44013200	7800	.194	.085	NO CHANGES
10	EM	.90	2	0900	2	0	4.5	.90	44020800	7600	.194	.085	NO CHANGES
11	EM	.85	2	1200	2	7200 ml	4.5	.85	44029700	9900	.194	.085	CHANGED 1,2,3,4/BATCH 7200 ml
12	EM	1.0	2	1315	2	0	4.5	1.0	44047700	18000	.196	.091	NO CHANGES
13	EM	1.0	2	1300	2	0	4.5	1.0	44056500	8800	.196	.090	NO CHANGES
14	EM	1.0	2	0900	2	0	4.5	1.0	44066000	8500	.197	.090	NO CHANGES
15	EM	.95	2	0945	2	0	4.5	.95	44073700	8700	.196	.092	NO CHANGES
16	EM	.95	2	0830	2	0	4.5	.95	44081900	8200	.196	.091	CHANGED #1
17	EM	.90	2	1400	2	0	4.5	.90	44090600	8700	.196	.090	NO CHANGES
18	EM	.85	2	1030	2	10000 ml	4.5	.85	44099700	9100	.196	.087	CHANGED 1,2,3,4/BATCHED 10000 ml
19	EM	.85	2	0930	2	0	4.5	.85	44106500	6800	.198	.094	NO CHANGES
20	EM	.85	2	0900	2	0	4.5	.85	44114200	7800	.198	.094	NO CHANGES
21	EM	.85	2	1000	2	0	4.5	.85	44122300	8000	.199	.094	NO CHANGES
22	EM	.85	2	0900	2	0	4.5	.85	44130900	8600	.199	.095	NO CHANGES
23	EM	.85	2	1130	2	6000 ml	4.5	.85	44139400	7000	.200	.092	CHANGED 1,2,3/BATCH 6000 ml
24	EM	.90	2	0830	2	0	4.5	.90	44146700	8800	.205	.092	NO CHANGES
25	EM	1.0	2	1400	2	4000 ml	4.5	1.0	44154800	12800	.200	.093	CHANGED #4/BATCHED 4000 ml
26	DmJ	1.0	2	1000	2	0	4.5	1.0	44162500	8000	.200	.093	NO CHANGES
27	DmJ	1.0	2	0900	2	0	4.5	1.0	44170500	9000	.200	.093	NO CHANGES
28	DmJ	1.0	2	0800	2	0	4.5	1.0	44183500	7000	.200	.092	NO CHANGES
29	DmJ	1.0	2	0900	2	0	4.5	1.0	44191000	7500	.200	.093	NO CHANGES
30	DmJ	1.0	2	1000	2	0	4.5	1.0	44199000	8000	.200	.093	NO CHANGES
31	DmJ	1.0	2	1100	2	0	4.5	1.0	44206800	7000	.200	.093	NO CHANGES